EPA 100/200

Section A

Template Name	BY2020
Is this investment a consolidated business case?	No
Consolidated Business Case Parent Investment(s)	
Investment Name	BAS - Budget Automation System
Investment Revision Number	39
Point of Contact	Chin, Derek
Revision Comment	
Name of this Investment	BAS - Budget Automation System
Full UPI/UII Code	020-000010061 00-00-02-16-02-00
OMB Short Description	BAS - Budget Automation System, formerly titled BFS - Budget Formulation System, is EPA's Budgeting System. As of 2011, this investment is detached from OCFO Legacy Financial System business case. Retirement to occur in FY 2019 depending upon BFS hosting project.

Briefly describe the investment's purpose, goals, and current or anticipated benefits (quantitative and/or qualitative). Include the investment's specific contribution to mission delivery or agency management support functions and identify key customers, stakeholders, and other beneficiaries.

The purpose of the Budget Automation System is to provide an integrated budgeting and performance management system for the entire agency, with the goal of supporting the development of congressional justifications, OMB submissions, operating plans, and other important budget functions the offices of the agency require. The primary beneficiaries include, the agency, OMB, and Congress.

OCFO is replacing the Budget Automation System with the Budget Formulation System.

BY2019 Internal Summary of Funding Estimates Tables (include non-pay and pay dollars). Funding must be entered in millions. Include Personal compensation, Contracts dollars, working capital fund and travel expense. Enter number in millions.

Lifecycle Phase	BY19
Planning	0
DME	0
O&M	0.129
Total	0.129

If the costs for your investment are designated as being 100% O&M, the SIO must provide a rationale for not engaging in any development or planning activities for your investment. The rationale should explain why the system is solely being operated in the as-is state with no opportunity for system improvement or consolidation into another investment. Please

enter your SIO's rationale in the text box.

The Budget Automation System has 100% O&M funding with no DME funding because the system will be retiring in FY 2018. Possible continued decommissioning activities to occur through December 2018. The Budget Formulation System has DME funding in FY 2019, and will be replacing the Budget Automation System.

BY 2018 Exhibit 53 President's Budget Total. This number comes from the last AITPS (53) submission. The number displayed here are in millions.	0.1290
Change in Funding Justification. Compare BY2019 numbers against BY2018 PB numbers. If there is a change (increase or decrease), please explain in this field. If there are no changes, enter "no changes".	no changes
In which year did or will this investment begin? (Specify year - e.g., 2013)?	1997
In which year will this investment reach the end of its estimated useful life? (specify year - e.g., 2021)	2020
Functional/Business Sponsor Name	David Bloom
Functional/Business Sponsor Title	Deputy CFO
Primary BRM Mapping (FEA BRM v3.1)	101-Budget Formulation

Section B

In Table B.1, report, at a minimum, all projects with any activities that started in a previous fiscal year (PY and earlier) and have not completed by the beginning of the current year as well as activities that are scheduled to start in the current fiscal year, including planning, DME, and maintenance projects. This information should be updated at least once every month.

If the Investment/program uses an automated tool for requirements gathering, tracking, planning, or management, identify the automated tool.

Projects and activities commencing beyond the BY may also be reported, as available. Please include any relevant non-agile project activities in Table B.2.1 and include agile project activities in Table B.2.2. At a minimum, Tables B.1, B.2.1 and B.2.2 should include projects and activities that started in a previous fiscal year (PY and earlier) that have not been completed by the beginning of the CY; and projects and activities that start and finish in the CY and BY or start but do not finish in CY or BY.

Projects Table

OMBID	Project ID	Project Name	Objectives /Expected Outcomes	Project Start Date	Project Completion Date	Project Life cycle Cost	SDLC Methodology	PM Name	PM Level of Experience	PM Phone	PM Extension	PM Email	Release Every 6 Months?	Comment	When was the last date that a revised product was deployed to production?	Funded by TMF or IT WCF Funding	Commercial Solution(s) Adoption	Commercial Solution(s) Reasoning	Commercial Solution(s) Costs	Include In OMB Dashboard
	000010061A	Citrix	Web based version of BAS	11/10/2010	12/31/2013	48	Not Primarily a Software Development Project	Jackye Herzfeld (retired)	No certification, but with 4 or more years PM experience (within the last five years)	2025644599		herzfeld.jackye@epa.gov	N/A			N/A				Omit Synchronization
	000010061B	BAS Maintenance	Operate and maintain BAS for its remaining years while BFS is developed.	07/01/2017	09/30/2019	1503	Not Primarily a Software Development Project	Ed Cottrill	No certification, but with 4 or more years PM experience (within the last five years)	2025645002		cottrill.edward@epa.gov	N/A			N/A				Omit Synchronization

In Table B.2.1, describe, at a minimum, all non-agile project activities for projects in Table B.1 that started in a previous FY (PY and earlier) and that have not been completed by the beginning of the CY, as well as activities that are scheduled to start in the current FY and BY. In line with modular development principles, each software development project must produce usable functionality at intervals of no more than six (6) months. Include the following data in Table B.2.1:

Master Cost & Schedule: Comparison of Actual Work Completed and Actual Costs to Current Approved Baseline	* Costs in thousands
This table represents milestones at Work Breakdown Structure level 1	

Activity Number	Is Complete	Project**	Activity Name**	Activity Description**	Structure ID**	OMB ID**	Current Baseline									Include In ITDB		
							Total Cost			Start Date			Completion Date					
							Planned**	Projected	Actual	Planned**	Projected	Actual	Planned**	Projected	Actual			
A.1	Yes	Citrix	Regional Implementation	Implement Citrix in all 10 regions	10061-A.1		$48.000	$48.000	$48.000	11/10/2010	11/10/2010	11/10/2010	12/7/2011	12/7/2011	12/7/2011	Omit Synchronization		
A.2	Yes	Citrix	Headquarter Implementation	Implement Citrix in the rest of the Offices in the Agency. This will coincide with the implementation of Windows 7, ensuring compatibility between the softwares.	10061-A.2		$48.000	$48.000	$48.000	10/1/2012	10/1/2012	10/1/2012	12/31/2012	12/31/2012	12/31/2012	Omit Synchronization		
B.1	Yes	BAS Maintenance	Maintenance/Retirement Phase 1	Maintain the remaining functions in BAS while the other requirements in BFS are being developed.			$257.000	$372.000	$331.500	7/1/2017	7/2/2017	7/1/2017	12/30/2017	12/29/2017	12/30/2017	Omit Synchronization		
B.2	Yes	BAS Mainten	Maintenance/Retirement Phase 2	Plan for the retirement			$65.000	$297.000	$300.000	1/1/2018	1/2/2018	1/1/2018	6/30/2018	6/29/2018	6/30/2018	Omit Synchroniz		

Activity Number	Is Complete	Project**	Activity Name**	Activity Description**	Structure ID**	OMB ID**	Current Baseline									Include In ITDB		
							Total Cost			Start Date			Completion Date					
							Planned**	Projected	Actual	Planned**	Projected	Actual	Planned**	Projected	Actual			
		ance		of BAS. Decide how to retire BAS and gather the required resources. At the same time, keep BAS operating while other BFS modules need to be completed.												ation		
B.3	No	BAS Maintenance	Maintenance/Retirement Phase 3	Begin SLCM documentation and complete all retirement activities and cease operation.			$32.000	$149.000		7/1/2018	7/2/2018	7/1/2018	9/30/2018	12/30/2018		Omit Synchronization		
B.4	No	BAS Maintenance	Maintenance/Retirement Phase 4	Complete any decommissioning activities required.			$15.000	$7.500		10/1/2018	1/1/2019		12/30/2018	6/30/2019		Omit Synchronization		
B.5	No	BAS Maintenance	Maintenance/Retirement Phase 5	Complete any decommissioning activities required.			$3.750	$3.750		7/1/2019	7/2/2019		9/30/2019	9/29/2019		Omit Synchronization		

Either table B.2.1 or B.2.2 should be used to enter project activity data; the same project can appear in both tables, if applicable. In Table B.2.2, describe, at a minimum, all iterative (e.g. agile) project activities for projects in Table B.1 that started in a previous FY (PY and earlier) and that have not been completed by the beginning of the CY, as well as activities that are scheduled to start in the current FY and BY.

The terms and concepts in Table B.2.2 are based on the Agile Scrum Methodology. If you are using another iterative methodology, still complete the table in line with the Agile Scrum Methodology.

Agile Cost and Schedule Table

OMB ID	Is Complete?	Project	Release Name	Release Number	Release Description	Start Date Planned	Completion Date Planned	Total Costs Planned	Start Date Projected	Completion Date Projected	Total Costs Projected	Start Date Actual	Completion Date Actual	Total Costs Actual	NPI	NCI	NPE	NCE	DTC	DPC	Include in IT Dashboard?

If iterative methodology (e.g. agile) is being used, the below table can be leveraged as an alternative to Table B.2.1. This table is being added as an optional alternative to table B.2.1 for iterative-based development projects. This table comes at Agencies' request for an iterative-friendly alternative to report performance.

In Table A.2, list active risks at the Investment level and provide risk assessment information. The risks listed should be consistent with what is included in management briefings or Agency status reviews on an ongoing basis. It is not necessary to address all 19 OMB Risk Categories. There are not a specified number of risks for Agencies to include for each Investment. Include the following data in Table A.2:

In the table below, list active risks at the Investment level and provide risk assessment information. The risks listed should be consistent with what is included in management briefings or Agency status reviews on an ongoing basis. It is not necessary to address all 19 OMB Risk Categories. There are not a specified number of risks for Agencies to include for each Investment. Include the following data in the table:

Investment Risks

OMB ID	Risk Description	Risk Area	Risk Probability	Risk Impact	Mitigation Plan	Include in IT Dashboard
	Relationship with other financial systems	Dependencies and Interoperability between this investment and others	Low	Low	Maintain and ensure working relationship between BFS and other financial systems	Omit Synchronization
	Security Risks	Security	Low	Low	The Information Security Officer maintains internal controls, security updates, and system security plan	Omit Synchronization
	Server down time	Technology	Low	Low	In case the server goes down, the backup test server will be used, followed by the server in RTP, followed by physically going to Keylogic Systems in Columbia, Maryland.	Omit Synchronization
	Sensitive budget data	Data/Info	Low	Medium	Ensure proper controls are in place and the correct security measures are taken.	Omit Synchronization
	BFS Delayed Development	Schedule	Low	High	Exploring approaches to move development in BFS so BAS can retire in 2018	Omit Synchronization
	Unacceptable retirement actions	Business	Low	Low	Work with OEI/EA on SLCM documentation to ensure BAS is phased out appropriately.	Omit Synchronization
	Disposing Hardware	Project resources	Low	Low	Ensure all hardware that's no longer needed is done appropriately.	Omit Synchronization